Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Canceled)

2. (Currently Amended) An image processing system comprising:

signal input ~~means for inputting~~section which inputs an image signal;

luminance regulating ~~means for regulating~~section which regulates a luminance value of an image by correcting the inputted image signal;

signal output ~~means for outputting~~section which outputs the corrected image signal; and

luminance measurement ~~means for measuring~~section which measures a luminance value of an image and outputting luminance information,

wherein the luminance regulating ~~means~~section corrects the image signal to equalize luminance values in central and marginal portions of an image when the luminance value in the central portion is higher than the luminance value in the marginal portion, based on the luminance information and a correction table showing the relationship between a correction amount and a position in an image~~.~~, and

wherein the correction table includes data showing the correction amount based on a value obtained by dividing a differential value between a darkroom reference luminance value at a given position in an image and the minimum luminance value of the image by a differential value between the maximum and minimum luminance values of the image.

3. (Canceled)

4. (Currently Amended) The image processing system as defined in ~~claim 3~~ claim 2,

wherein the correction amount is obtained by: {((the darkroom reference luminance value – the minimum luminance value}) / the darkroom reference luminance value)}/ {((the maximum luminance value – the minimum luminance value) / the maximum luminance value}.

5.　(Currently Amended)　An image processing system comprising:

signal input section which inputs an image signal;

luminance regulating section which regulates a luminance value of an image by correcting the inputted image signal;

signal output section which outputs the corrected image signal; and

instruction input section which inputs instruction information which represents a correction instruction from a user,

wherein the luminance regulating section corrects the image signal to equalize luminance values in central and marginal portions of an image when the luminance value in the central portion is higher than the luminance value in the marginal portion, based on the instruction information and a correction table showing the relationship between a correction amount and a position in an image., and

wherein the correction table includes data showing the correction amount based on a value obtained by dividing a differential value between a darkroom reference luminance value at a given position in an image and the minimum luminance value of the image by a differential value between the maximum and minimum luminance values of the image.

6.　(Canceled)

7.　(Currently Amended)　A projector comprising:

signal input means for inputtingsection which inputs an image signal;

luminance regulating means for regulatingsection which regulates a luminance value of an image by correcting the inputted image signal;

-4-

signal output ~~means for outputting~~section which outputs the corrected image signal;

luminance measurement ~~means for measuring~~section which measures a luminance

value of an image and outputting luminance information; and

image projecting ~~means for projecting~~section which projects an image based on the

image signal output from the signal output ~~means~~section,

wherein the luminance regulating ~~means~~section corrects the image signal to equalize

luminance values in central and marginal portions of an image when the luminance value in

the central portion is higher than the luminance value in the marginal portion, based on the

luminance information and a correction table showing the relationship between a correction

amount and a position in an image~~.~~, and

_____ wherein the correction table includes data showing the correction amount based on a

value obtained by dividing a differential value between a darkroom reference luminance value

at a given position in an image and the minimum luminance value of the image by a

differential value between the maximum and minimum luminance values of the image.

8.   (Currently Amended) A projector comprising:

signal input section which inputs an image signal;

luminance regulating section which regulates a luminance value of an image by

correcting the inputted image signal;

signal output section which outputs the corrected image signal;

instruction input section which inputs instruction information which represents a

correction instruction from a user; and

image projecting section which projects an image based on the image signal output

from the signal output section,

wherein the luminance regulating section corrects the image signal to equalize

luminance values in central and marginal portions of an image when the luminance value in

the central portion is higher than the luminance value in the marginal portion, based on the

instruction information and a correction table showing the relationship between a correction

amount and a position in an image., and

wherein the correction table includes data showing the correction amount based on a

value obtained by dividing a differential value between a darkroom reference luminance value

at a given position in an image and the minimum luminance value of the image by a

differential value between the maximum and minimum luminance values of the image.

9.   (Currently Amended) A computer-readable medium which stores a program

causing a computer to function as:

signal input means for inputting section which inputs an image signal;

luminance regulating means for regulating section which regulates a luminance value

of an image by correcting the inputted image signal;

signal output means for outputting section which outputs the corrected image signal;

and

instruction input means for inputting section which inputs instruction information

which represents a correction instruction from a user,

wherein the luminance regulating means section corrects the image signal to lower a

luminance value in a central portion of an image when uniformity improvement of luminance

values in central and marginal portions of the image is instructed, or corrects the image signal

to lower a luminance value in a marginal portion of an image when emphasis of a central

portion of the image is instructed, based on the instruction information and a correction table

showing the relationship between a correction amount and a position in an image., and

wherein the correction table includes data showing the correction amount based on a

value obtained by dividing a differential value between a darkroom reference luminance value

at a given position in an image and the minimum luminance value of the image by a

differential value between the maximum and minimum luminance values of the image.

    10.   (Currently Amended) A computer-readable medium which stores a program causing a computer to function as:

    signal input ~~means for inputting~~section which inputs an image signal;

    luminance regulating ~~means for regulating~~section which regulates a luminance value of an image by correcting the inputted image signal;

    signal output ~~means for outputting~~section which outputs the corrected image signal; and

    luminance measurement ~~means for measuring~~section which measures a luminance value of an image and outputting luminance information,

    wherein the luminance regulating ~~means~~section corrects the image signal to equalize luminance values in central and marginal portions of an image when the luminance value in the central portion is higher than the luminance value in the marginal portion, based on the luminance information and a correction table showing the relationship between a correction amount and a position in an image~~.~~, and

    wherein the correction table includes data showing the correction amount based on a value obtained by dividing a differential value between a darkroom reference luminance value at a given position in an image and the minimum luminance value of the image by a differential value between the maximum and minimum luminance values of the image.

    11.   (Canceled)

    12.   (Currently Amended) An image processing method comprising:

    inputting instruction information representing a correction instruction from a user;

    inputting an image signal;

    correcting the image signal to lower a luminance value in a central portion of an image when uniformity improvement of luminance values in central and marginal portions of

the image is instructed, or correcting the image signal to lower a luminance value in a

marginal portion of an image when emphasis of the central portion of the image is instructed,

based on the instruction information and a correction table showing the relationship between

a correction amount and a position in an image; and

outputting the corrected image signal~,~

wherein the correction table includes data showing the correction amount based on a

value obtained by dividing a differential value between a darkroom reference luminance value

at a given position in an image and the minimum luminance value of the image by a

differential value between the maximum and minimum luminance values of the image.

13.   (Currently Amended) An image processing method comprising:

measuring a luminance value of a displayed image and outputting luminance

information;

inputting an image signal;

correcting the image signal to equalize luminance values in central and marginal

portions of an image when the luminance value in the central portion is higher than the

luminance value in the marginal portion, based on the luminance information and a correction

table showing the relationship between a correction amount and a position in an image; and

outputting the corrected image signal~,~

wherein the correction table includes data showing the correction amount based on a

value obtained by dividing a differential value between a darkroom reference luminance value

at a given position in an image and the minimum luminance value of the image by a

differential value between the maximum and minimum luminance values of the image.